

REMARKS

Claims 1-23 are pending in this application. By this Amendment, claims 1 and 3 are amended.

I. Allowable Claims

The Applicant gratefully acknowledges the allowance of claims 14-23.

II. Claims Rejections under 35 U.S.C. §103

Claims 1, 2 and 13 are rejected under 35 U.S.C §103(a) as being unpatentable over U.S. Patent No. 6,507,768 to Regimbal et al. (hereinafter "Regimbal") in view of U.S. Patent No. 5,159,393 to Hiroshima et al. (hereinafter "Hiroshima") and U.S. Patent No. 6,374,062 to Cheney (hereinafter "Cheney").

The Office Action asserts that Regimbal discloses a sheet handling device 12 or a printer 12 having an image carrying member 36; a transfer member 38; and different types of sheets 16 that are handled by printer 12. The Action also asserts that the types of sheets 16 included letter and legal size paper, envelopes, transparencies, and many more. The Office Action goes on to assert that a controller 18 can determine the type of each individual sheet by identifying the sheet's input bin. Additionally, memory 22 contains a table of values relating each sheet type to its physical dimensions. Furthermore, controller 18, knowing the type of sheet, acquires the physical dimensions of the sheet from the memory 22 and determines the individual transport speed using those dimensions and the information provided by sensor 20. We respectfully traverse the assertions.

Regimbal does not teach a measuring member that measure the electrical property of the transfer member before the transfer member performs the transfer, and a transport speed setting member that sets a transport speed at which the transfer member transport the recording medium based on the properties of the recording medium inputted through the input member and on the electrical property of the transfer member measured by the measuring

member. Instead, Regimbal teaches a controller that can determine the type of each individual sheet by identifying the sheets input bin. Additionally, the controller, knowing the type of sheet (based on the sheet's input bin), acquires the physical dimensions of the sheet from the memory (which contains a table of values relating each sheet type to its physical dimensions) and determines the individual transport speed using those dimensions and the information provided by a sensor that detects the actual transport speed. Therefore, there is nothing in Regimbal that teaches nor discloses the setting of the transport speed based on the electrical property of the transfer member.

The Applicant amends claims 1 and 3 to provide greater clarification concerning "a measuring member that measures electrical property of the transfer member." Based on the argument presented above independent claim 1 is in condition for allowance. Therefore, dependent claims 2 and 13 are also in condition for allowance. Reconsideration and withdrawal of the rejection is thus respectfully requested.

III. Allowable Subject Matter


Claims 3-12 are objected to as being dependent on a rejected base claim. Based on the discussion above, independent claim 1 is in condition for allowance; therefore, claims 3-12 are also in condition for allowance. The Examiner is respectfully requested to reconsider and withdraw the objections.

IV. Conclusion

In view of the foregoing, it is respectfully submitted that this application is in condition for allowance. Favorable reconsideration and prompt allowance of claims 1-23 are earnestly solicited.

Should the Examiner believe that anything further would be desirable in order to place this application in even better condition for allowance, the Examiner is invited to contact the undersigned at the telephone number set forth below.

Respectfully submitted,



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JAO:KDB/fpw

Attachment:
Petition for Three-Month Extension of Time

Date: November 14, 2005

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